



4-COUNTY Cooperative Weed Management Area

4-County CWMA Mapping & Data Committee Meeting

Wednesday, July 8th, 2020, 8:30am-9:50am

Attendees: Courtney Gattuso (CSWCD), Lucas Nipp (EMSWCD), Lindsey Wise (PSU), Tyler Pedersen (TSWCD), Justin Cooley (CSWCD), Jeffrey Lee (Metro), Laura Guderyahn (PPRD), Michelle Delepine (WMSWCD), Jon Wagner (EMSWCD)

8:30 Convene/Welcome

Tyler Pedersen

8:32 Introductions

All

- Jeffrey gives a quick outline of the M&D Committee's agenda items.
- "Poll Together" Survey
 - Jeffrey shares photos of the winner of the random prize drawing for the recent "Poll Together" survey, Rob Hamrick, receiving a signed "Invasive Weeds" poster and custom caricature by Jon Wagner.
 - Highest priority work plan items → "Poll Together" survey results will continue to serve as a good reference/representative sample of how we prioritize the committee's projects and other activities.

8:37 iNaturalist Projects & Data Sharing Contest Updates

Jeffrey Lee

- Jeffrey gives an update on the CWMA iNaturalist Call-For-Data and Priority Species projects as well as a quick run-through of exporting observation data from iNaturalist. The maps presented here were snapshots taken from Google Earth, showing data exported from the projects.
- iNaturalist Call-For-Data Species Project – 34 observations, 4 species (as of 07/08/2020)
 - Since the April 2020 meeting, 6 new observations have been reported for Balfour's balsam, Japanese hedgeparsley, and oblong spurge.
 - Balfour's balsam (*Impatiens balfourii*): multiple reports in Multnomah County; single report in Clackamas County
 - Japanese hedgeparsley (*Torilis japonica*): multiple reports in Clackamas and Multnomah Counties
 - Oblong spurge (*Euphorbia oblongata*): multiple reports in Clackamas, Multnomah, and Washington Counties; most abundant towards urban core
 - Puncturevine (*Tribulus terrestris*): single report in Multnomah County

- iNaturalist Priority Species Project – 27 observations, 5 species (as of 07/08/2020)
 - Since the April 2020 meeting, 5 new observations have been reported, for delta arrowhead and oblong spurge. Notably, the delta arrowhead observation was the project's very first report for Clark County!
 - Delta arrowhead (*Sagittaria platyphylla*): single reports in Clackamas and Clark Counties
 - Goatsrue (*Galega officinalis*): single reports in Clackamas, Multnomah, and Washington Counties
 - Hoary cress (*Lepidium draba*): single report in Multnomah County
 - Oblong spurge (*Euphorbia oblongata*): multiple reports in Clackamas, Multnomah, and Washington Counties; most abundant towards urban core
 - Scotch thistle (*Onopordum acanthium*): single report in Multnomah County
- Brainstorming session for increasing project participation
 - Observation reports are generally concentrated in the Portland Metro area... → Is this an accurate representation of the weeds' distributions, or is this an artifact of having more iNaturalist users in the urban area? → Ideal to get more participation in non-urban areas...
 - Tell stories—specifically, about how community science platforms can help elevate our weed management work.
 - Start conversations with people out in the field. For example, how we can help them develop a stronger search image while out weed mapping?
 - Email update when weeds are in bloom or easy to spot—is there a standard reference out there for general phenology?
 - Michelle suggests pushing these emails out at the start of each month.
 - How can we incorporate and promote absence data to get a fuller picture of weed distributions?
 - Lindsey informs the group that iMapInvasives is about to release a Survey123 form to record weed absence and treatment data and it will also include more detailed data fields.
 - Justin mentions that it would be useful for both him and Sam to have iNaturalist project pages or email alerts for A-list weed species.
- iNaturalist report success story
 - Tyler recently had a report of a new GM site near Washington County's eastern border.
 - TSWCD responded quickly and began removal of the large patch (about 10,000 sq feet), removing about 11 35-gallon bags!
 - This case shows the importance of data sharing and partner coordination to stay on top of high priority weed patches.
- Data Sharing Contest is up and running!
 - Jeffrey gives an update on the contest's progress, including outreach effort, this cycle's prizes, and the new data entry page on the CWMA website (<https://4countycwma.org/mapping-data/data-sharing-contest-entry-2020/>).

- Next steps for the contest will include encouraging people to use the form and serving as a resource hub for local weed ID and management needs.

9:12 Standardized Data Collection Template and Working Group – Next Steps **Tyler Pedersen**

- Data Collection Standards Document and template
 - Tyler goes over the status of the data collection standards.
 - Plan is to update the 2016 Standards to include survey and treatment data fields and definitions.
 - Tyler briefly goes through the minimum data field requirements for NAISMA and iMapInvasives as well as other optional data fields.
- Working Group
 - Tyler will email a Google sign-up spreadsheet on the listserv and to the committees to recruit people for the working group for the standardized data template. Tyler will also email a draft of the data fields template and request feedback from partners. This will occur sometime before the September meeting.
 - The overarching goal is to create a template that can be integrated across multiple data collection platforms that meets minimum data field requirements and allows for customization for partners depending on their needs.
 - Tyler briefly shares the Tualatin SWCD's Invasives ArcGIS Online dashboard to demonstrate reporting functionality and how their invasives data is being used. He hopes to have a live demo of the TSWCD's Invasive Species Program's ArcGIS Online data collection system and Survey123 spray log at the September 9th meeting.

9:32 Priority Map Update & New Weeds Discussion **Tyler Pedersen, All**

- Lindsey did a great job incorporating the old Priority Map from MapBox to AGOL.
 - Observations with Xs are assumed to be eliminated, circles mean there's no way to tell if management has occurred and solid circles represent where treatment likely occurred.
- Troy Abercrombie has agreed to host the map through the Cascade Pacific AGOL account.
 - The group is still working out the details on who is going to update the map and login information.
- New Weeds Discussion (weeds of potential interest outside of our Priority and Call-for-Data weeds list)
 - Meeting logistics and timing to be determined soon! Michelle suggests this discussion could be a virtual meeting (separate from our committee meetings) to occur before the Pull Together and that it would be a neat engagement opportunity.

9:45 Invasive Species Mapping & Data Learning Opportunities **Jeffrey Lee**

- Jeffrey shares a number of free virtual M&D tutorials and workshops:

- Emerging Professionals Mappy Hour (via Zoom) by ORUISA, Oregon & SW Washington Chapter - July 9th, 5pm-7pm PST: <https://www.orurisa.org/event-3886396>
- 2020 Esri User Conference (virtual) - July 13th-16th: <https://www.esri.com/enus/about/events/uc/registration>
- Coast Fork Willamette Watershed Invasive Plant ID Training by Pacific Northwest Invasive Plant Council - July 13th, 10am-1pm PST: <https://www.pnw-ipc.org/events/coast-fork-willamettewatershed-invasive-plant-id-training>
- Lake Sylvia, WA Invasive Plant ID Training (via Zoom) by Pacific Northwest Invasive Plant Council - July 22nd, 10am-1pm PST: <https://www.pnw-ipc.org/events/lake-sylvia-wa-training>
- Virtual Summit: Incorporating Data Science and Open Science in Aquatic Research by WSU, USGS - July 23rd-24th, 10am-1pm PST: <https://docs.google.com/forms/d/e/1FAIpQLSdoyZ8RR5y9quEKc4X6W4FrZ1fKpaet4Dl1eW2I7G4FNWkzA/viewform>
- Other useful references/tools?
 - City of Portland's Vendor Lookup tool(can filter disadvantaged, emerging small, minority-owned, and woman-owned businesses): <https://procure.portlandoregon.gov/bsso/external/registeredVendorSearch.sdo>

9:50 End – Thanks for participating!

Next Mapping & Data Committee Meeting

September 9th, 2020; 8:30-9:50am

Teleconference